

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	"5658158".pn. or "6180002".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/12/03 08:52
S1	3077	347/5.ccls. or 347/10.ccls. or 347/19.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/08/10 14:51
S2	288583	waveform	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/20 09:12
S3	4154	driving adj energy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/20 09:12
S4	1371106	interval or intervals	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/20 09:12
S5	6061388	range or (upper and lower) or threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/20 09:13
S6	12	S1 and S2 and S3 and S4 and "5"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/20 09:15
S7	9	S1 and S2 and S3 and S4 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/20 09:18

## EAST Search History

S8	144	adjust same driving near5 waveform	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/20 09:17
S9	9	S7 and S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/12/03 08:52
S10	13	S8 and S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/20 09:18
S11	481	347/10.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/20 09:33
S12	3243	347/5.ccls. or 347/10.ccls. or 347/19.ccls.or 347/18.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/20 10:07
S13	9	S12 and S2 and S3 and S4 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/20 10:06
S14	1	"6331039" "6357846" "5798772" "6439687" "5984470"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/20 09:45
S15	34	"6331039" "6357846" "5798772" "6439687" "5984470"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/20 09:45

## EAST Search History

S16	3879	347/5.ccls. or 347/10.ccls. or 347/19.ccls. or 347/18.ccls. or 347/11.ccls. or 347/106.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/20 10:07
S17	11	S2 and S3 and S4 and S5 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/09/20 10:09
S70	1669	347/84 or 347/42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/03/14 16:20
S71	28	((integrated with circuits) and (casing)).clm. and silverbrook.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/03/14 16:24
S72	0	((integrated with circuits) and (casing) and channel adn interconnection).clm. and silverbrook.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/03/14 16:24
S73	3	((integrated with circuits) and (casing) and channel and interconnection).clm. and silverbrook.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/14 16:28
S74	0	"9439908"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/14 16:28
S75	3	"6439908".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/14 16:30

## EAST Search History

S76	30	((two with printhead with modules) and (casing and channel)).clm. and silverbrook.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/14 16:32
S77	3	((two near1 printhead near1 modules) and (casing and channel)).clm. and silverbrook.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/14 16:32
S78	3	"6439908".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/25 13:19
S79	118	10/760246	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/25 13:04
S80	3	(two near printhead near modules and two with integrated near circuits).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/25 13:05
S81	275	(support near member and plurality near apertures and channel).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/25 13:15
S82	47	(support near member same plurality near apertures same channel).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/25 13:15
S83	4	("5658158" "6180002").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/25 13:19

## EAST Search History

S84	3	"6439908".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/08/21 09:47
S85	1	"6439908".pn. and "28" and "18"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/08/21 09:48
S86	3	"6439908".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/23 12:05
S87	6	("6238113" "5650802" "6254217").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/23 12:05
S88	6	"6439908".pn. or "20020180834".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/08 09:44
S89	8	"6439908".pn. or "20020180834".pn. or "6443555".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/08 11:43
S90	2428	"347"/\$3 and (inter\$1connect\$3) near\$4 (head or print\$1head)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/08 12:18
S91	2428	"347"/\$3 and ((inter\$1connect\$3) near\$4 (head or print\$1head))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/08 12:18

## EAST Search History

S92	962	"347"/\$3 and ((inter\$1connect\$3) near\$4 (head or print\$1head)) and silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/08 12:19
S93	487	"347"/\$3 and ((inter\$1connect\$3) with (head or print\$1head)) and silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/08 12:22
S94	3	"20020180834".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/08 12:23
S95	23	10/120351	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/01 10:27
S96	6	("6439908" "20020180834").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/11 07:11
S97	5	("6349908" or "20020180834").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 10:18
S98	6	("6439908" or "20020180834").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 10:21
S99	3	("20020180834").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 10:21

## EAST Search History

S10 0	0	"347"/\$3 and (integrated near circuits) with (fixedly near mounted) with (support near member)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/01 10:29
S10 1	0	"347"/\$3 and (integrated near circuit) with (fixedly near mounted) with (support\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/01 10:30
S10 2	0	"347"/\$3 and ((integrated near circuit) or IC) with (fixedly near mounted) with (support\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/01 10:31
S10 3	270	"347"/\$3 and ((integrated near circuit) or IC or (nozzle near plate)) with (fixedly or fixed or welded) with (support\$3 or print\$1head)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/01 12:40
S10 4	1	"347"/\$3 and ((integrated near circuit) or IC or (nozzle near plate)) with (welded) with (support\$3 or print\$1head)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/01 10:56
S10 5	116	"347"/\$3 and ((integrated near circuit) or IC or (nozzle near plate)) with (fixedly or fixed or welded) with (support\$3 or print\$1head) not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/01 12:45
S10 6	5	("20020005878" or "20020180834").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/03 09:37
S10 7	369756	("20020005878" or "20020180834").pn. (chips and electri\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/03 09:38

## EAST Search History

S10 8	0	("20020005878" or "20020180834").pn. and (module same electri\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/03 09:38
S10 9	3	("20020005878" or "20020180834").pn. and (electri\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/03 09:38
S11 0	3	"20020180834"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/08/10 09:23
S11 1	3	"20020180834"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/08/10 14:52